

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Eiichi TAKAHASHI et al.

Continuation Application of Application No.: 09/519,463

Filed: September 24, 2003

Docket No.: 105635.01

For: TIMING ADJUSTMENT OF CLOCK SIGNALS IN A DIGITAL CIRCUIT

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

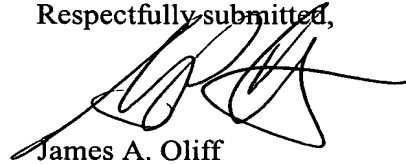
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. A co-pending U.S. patent application is identified on Form PTO 1449 of this Information Disclosure Statement. The Examiner is respectfully requested to consider each cited application and the art cited therein during examination of the present application.
- ☒ 3. The references were cited by or submitted to the Office in parent Application No. 09/519,463, filed March 6, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

☒ 4. U.S. Patent No. 5,475,830 is a U.S. counterpart of JP-A-6-295319. Therefore, no English-language Abstract, English translation, or concise explanation of JP-A-6-295319 is provided.

Respectfully submitted,



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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 105635.01		CONTINUATION APPLICATION OF APPLICATION NO. 09/519,463	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Eiichi TAKAHASHI et al.			
				FILING DATE September 24, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,475,830	12/1995	Chen et al.			
		6,269,451	07/2001	Mullarkey	713	401	
		4,697,242	09/1987	Holland et al.	706	13	
		5,224,056	06/1993	Chene et al.	716	7	
		5,719,515	02/1998	Danger	327	270	
		6,578,176 B1	06/2003	Wang et al.	716	2	
		6,327,552 B1	12/2001	Namani et al.	703	2	
		5,077,677 A	12/1991	Murphy et al.	706	62	
		5,506,959 A	04/1996	Cockburn	714	42	
		4,796,259 A	01/1989	Troy	714	731	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP-A-6-295319	10/1994	Japan			
		JP-A-10-21279 (w/Abstract and translation)	1/1998	Japan			
		JP-A-9-330350 (w/Abstract and translation)	12/1997	Japan			
		JP-A-7-134700 (w/Abstract and translation)	5/1995	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		AIST Press Release, "AIST Team Develops Genetic Algorithm-Based Method to Adjust Clock Timing that Allows Power					
		Consumption to be Halved in High-Speed LSIs: Adjusted Clock Timing Provides Enhanced Clock Frequencies and					
		Reduced Design Times", June 11, 2003 (in Japanese w/English Summary)					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 29, 2003

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		09/397,636	09/1999	Tetsuya HIGUCHI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP-A-10-111861 (w/Abstract and translation)	4/1998	Japan			
		JP-A-3-117210 (w/Abstract)	5/1991	Japan			
		JP-A-6-3419 (w/Abstract with translation)	1/1994	Japan			
		JP-A-6-75018 (w/Abstract and translation)	3/1994	Japan			
		JP-A-4-23172 (w/Abstract)	1/1992	Japan			
		JP-A-9-325949 (w/Abstract and translation)	12/1997	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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